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WHAT IS CLAIMED IS:

1. A game controller for communication between a user and an electronic game device transmitting signals to a receiver, comprising:
 - a portable housing;
 - game controller keys attached to said housing for permitting the user to generate signals;
 - a radio frequency sender engaged with said game controller keys for transmitting the signals to the receiver; and
 - a controller attached to said sender for determining a selected parameter regarding the signals and for communicating said parameter to the user.
2. A game controller as recited in Claim 1, wherein said radio frequency sender is capable of transmitting signals over multiple frequencies.
3. A game controller as recited in Claim 2, wherein at least one of said keys is operable by the user to change the signal frequency transmitted by said radio frequency sender.
4. A game controller as recited in Claim 2, wherein said controller is capable of changing the signal frequency transmitted by said radio frequency sender.

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25 5. A game controller as recited in Claim 4, wherein said controller is
26 capable of identifying the strength of a signal transmitted by said radio frequency
27 sender and is capable of changing the signal frequency to a stronger frequency.

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29 6. A game controller as recited in Claim 2, wherein said controller is
30 capable of polling information regarding the selected parameter over a discrete
31 time period, and is further capable of determining whether said polled information
32 exceeds a selected threshold.

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34 7. A game controller as recited in Claim 6, wherein said controller is
35 capable of changing the signal frequency if said polled information is less than a
36 selected threshold.

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38 8. A game controller as recited in Claim 7, wherein said controller is
39 capable of changing the signal frequency if said polled information is less than a
40 selected threshold over two consecutive discrete time periods.

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42 9. A game controller as recited in Claim 7, wherein said controller is
43 capable of polling information at the changed frequency to determine whether
44 said polled information exceeds a selected threshold.

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46 10. A game controller as recited in Claim 6, further comprising a display
47 engaged with said controller for communicating to the user a message regarding
48 said polled information.

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50 11. A game controller as recited in Claim 10, wherein said display
51 comprises a light.

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53 12. A game controller as recited in Claim 11, wherein said controller is
54 capable of controlling the duration of said light operation.

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56 13. A game controller as recited in Claim 11, wherein said controller is
57 capable of controlling the frequency of said light operation.

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59 14. A game controller as recited in Claim 2, wherein said radio frequency
60 sender is capable of transmitting signals at frequencies between 315 to 319
61 MHz.

62 15. A game controller for communication between a user and an
63 electronic game device transmitting signals to a receiver, comprising:
64 a portable housing;
65 game controller keys attached to said housing for permitting the user to
66 generate signals;
67 a radio frequency sender engaged with said game controller keys for
68 transmitting the signals to the receiver over a plurality of frequencies; and
69 a controller attached to said sender for determining the strength of the
70 transmitted signals and for communicating to the user information regarding said
71 signal strength.

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73 16. A game controller as recited in Claim 15, wherein said controller is
74 capable of identifying whether said signal strength is less than a selected
75 amount, and is further capable of changing said radio frequency sender to
76 another frequency having a signal strength exceeding the selected amount.

77
78 17. A game controller as recited in Claim 15, wherein said controller is
79 capable of polling information regarding the signal strength over a discrete time
80 period, and is further capable of displaying said information.

81
82 18. A game controller as recited in Claim 15, further comprising a display
83 engaged with said controller for communicating to the user a message regarding
84 said information.

85

86 19. A game controller as recited in Claim 18, wherein said display
87 comprises a light and said controller is capable of controlling the duration of said
88 light operation.

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90 20. A game controller as recited in Claim 18, wherein said display
91 comprises a light and said controller is capable of controlling the frequency of
92 said light operation.

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